

IN THE CLAIMS

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51. (Twice Amended) An article comprising:

a machine readable storage medium storing instructions comprising a device  
manager and power management software, said power management  
software, if executed by a system, performs operations comprising said  
power management software:

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cooperates with said device manager to allow power management of a  
plurality of devices in the system which are configurable devices;  
and  
manages a power level for each of the plurality of devices in the  
system and is capable of placing one or more of said plurality of  
devices in a reduced power consumption state.

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57. (Once Amended) An article comprising:

a machine readable storage medium storing instructions comprising power  
management software, said instructions, if executed by a system cause said  
system to perform operations comprising:  
allowing power management of a plurality of devices in the system  
which are configurable devices; and  
managing a power level for each of the plurality of devices in the

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system, said power management software being capable of  
placing one or more of said plurality of devices in a reduced  
power consumption state, wherein said power management  
software, if executed, provides support for idle detection for at  
least one of said plurality of devices.

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63. (Once Amended) The article of claim 51 wherein said power management  
software performs power management for said plurality of devices and lacks a permanent  
tie to a specific hardware device in the system.

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64. (Once Amended) An article comprising:

a machine readable storage medium storing power management software

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which, if executed by a system, performs operations comprising said  
power management software:

coordinates power management for a plurality of devices; and

registers with a configuration manager to be notified of configuration

changes for any of said plurality of devices.

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70. (Once Amended) An article comprising:

a computer readable storage medium storing power management software

comprising a power manager and additional software which is operating

system software, the power management software, if executed by a

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computer, performs operations comprising said power management

software:

forms a part of a kernel level of an operating system for the computer;

cooperates with a device manager to allow power management of a

5 plurality of system devices after reconfiguration of said plurality of

system devices; and

manages a power level of the computer.

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~~28~~. (Twice Amended) An article comprising:

10 a computer readable medium storing a plurality of computer executable

instructions including power management software and additional

software to implement an operating system, the power management

software, if executed by a computer system, operates in an operating

system cooperative manner with said operating system at a kernel level

15 which is a highest privilege level of the operating system, and causes the

computer system to perform operations comprising:

providing support for device idle detection for an input/output device

in said computer system to determine when said input/output

device has been inactive for a first duration, the first duration being

20 a user configurable duration that may be varied based on desired

power savings using a graphical user interface;

placing said input/output device in a reduced power consumption state

if said input/output device has been inactive for the first duration;

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cooperating with a plug and play manager that, in cooperation with  
said power management software, allows power management of  
said input/output device even though said input/output device is a  
plug and play configurable device;

providing support for system level power management by monitoring  
global events;

placing said computer system into one of a plurality of system level  
power management states as a part of system level power  
management implemented by said power management software,  
10 one of said plurality of system level power management states  
being a sleep state into which the computer system is placed due to  
the system remaining idle.

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